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Search Results - Record(s) 1 through 50 of 50 returned.

☐ 1. Document ID: US 20080001600 A1

L24: Entry 1 of 50

File: PGPB

Jan 3, 2008

PGPUB-DOCUMENT-NUMBER: 20080001600

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20080001600 A1

TITLE: METHODS FOR MEASUREMENT OF MAGNETIC RESONANCE SIGNAL
PERTURBATIONS

PUBLICATION-DATE: January 3, 2008

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
deCharms; Richard Christopher	Montara	CA	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draws	Desc	Image			

☐ 2. Document ID: US 20070276221 A1

L24: Entry 2 of 50

File: PGPB

Nov 29, 2007

PGPUB-DOCUMENT-NUMBER: 20070276221

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070276221 A1

TITLE: Prescan for optimization of mri scan parameters

PUBLICATION-DATE: November 29, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Warntjes; Jan Bertus Marten	Eindhoven		NL

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Draw Desc	Image				

☐ 3. Document ID: US 20070182411 A1

L24: Entry 3 of 50

File: PGPB

Aug 9, 2007

PGPUB-DOCUMENT-NUMBER: 20070182411

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070182411 A1

TITLE: Generalized MRI reconstruction with correction for multiple image distortion

PUBLICATION-DATE: August 9, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bammer; Roland	Palo Alto	CA	US
Liu; Chunlei	Fremont	CA	US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWMC	Draw Desc	Image				

☐ 4. Document ID: US 20070016003 A1

L24: Entry 4 of 50

File: PGPB

Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070016003

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070016003 A1

TITLE: Open architecture imaging apparatus and coil system for magnetic resonance imaging

PUBLICATION-DATE: January 18, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Piron; Cameron Anthony	Toronto		CA
Luginbuhl; Christopher Alexander	Toronto		CA
Plewes; Donald B.	Toronto		CA

US-CL-CURRENT: 600/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 5. Document ID: US 20060244449 A1

L24: Entry 5 of 50

File: PGPB

Nov 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060244449

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060244449 A1

TITLE: Sense optimized MRI RF coil designed with a target field method

PUBLICATION-DATE: November 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muftuler; Lutfi	Aliso Viejo	CA	US
Chen; Gang	Irvine	CA	US
Nalcioğlu; Orhan	Newport Coast	CA	US

US-CL-CURRENT: [324/318](#); [29/601](#), [324/322](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 6. Document ID: US 20060208731 A1

L24: Entry 6 of 50

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208731

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208731 A1

TITLE: Magnetic resonance parallel imaging method with K-space sensitivity encoding

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang; Jian Min	Shenzhen		CN
Zhang; Bida	Shenzhen		CN

US-CL-CURRENT: [324/309](#); [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 7. Document ID: US 20060186941 A1

L24: Entry 7 of 50

File: PGPB

Aug 24, 2006

PGPUB-DOCUMENT-NUMBER: 20060186941
 PGPUB-FILING-TYPE:
 DOCUMENT-IDENTIFIER: US 20060186941 A1

TITLE: Minimum norm sense reconstruction for optimal spatial response

PUBLICATION-DATE: August 24, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pruessmann; Klaas	Zurich	MA	CH
Tsao; Jeffrey	Brookline		US

US-CL-CURRENT: 327/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 8. Document ID: US 20060074295 A1

L24: Entry 8 of 50

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060074295
 PGPUB-FILING-TYPE:
 DOCUMENT-IDENTIFIER: US 20060074295 A1

TITLE: Combined MR coil technology in medical devices

PUBLICATION-DATE: April 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kucharczyk; John	Bishop	GA	US
Bronskill; Michael John	Toronto		CA

US-CL-CURRENT: 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 9. Document ID: US 20050270024 A1

L24: Entry 9 of 50

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050270024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050270024 A1

TITLE: Method for parallel image reconstruction using automatic regularization

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin, Fa-Hsuan	Taipei City		TW

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 10. Document ID: US 20050100202 A1

L24: Entry 10 of 50

File: PGPB

May 12, 2005

PGPUB-DOCUMENT-NUMBER: 20050100202

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050100202 A1

TITLE: Method for generating fast magnetic resonance images

PUBLICATION-DATE: May 12, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Huang, Feng	Gainesville	FL	US

US-CL-CURRENT: 382/128

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 11. Document ID: US 20050033154 A1

L24: Entry 11 of 50

File: PGPB

Feb 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050033154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050033154 A1

TITLE: Methods for measurement of magnetic resonance signal perturbations

PUBLICATION-DATE: February 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
deCharms, Richard Christopher	Montara	CA	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 12. Document ID: US 20050017718 A1

L24: Entry 12 of 50

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050017718

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050017718 A1

TITLE: Magnetic resonance method

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zwanenburg, Jacobus Jan Marinus	Eindhoven		NL
Prins, Willem Marten	Eindhoven		NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw	Desc	Image			

☐ 13. Document ID: US 20040207402 A1

L24: Entry 13 of 50

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040207402
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040207402 A1

TITLE: Method and apparatus to improve an mri image

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kellman, Peter	Bethesda	MD	US
McVeigh, Elliot	Phoenix	MD	US

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 14. Document ID: US 20040167803 A1

L24: Entry 14 of 50

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167803

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040167803 A1

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: 705/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draw Desc	Image				

☐ 15. Document ID: US 20040165757 A1

L24: Entry 15 of 50

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040165757

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040165757 A1

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: [382/131](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMMC	Draw Desc	Image				

☐ 16. Document ID: US 20040155652 A1

L24: Entry 16 of 50

File: PGPB

Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040155652

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040155652 A1

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sodickson, Daniel K.	Newton	MA	US

US-CL-CURRENT: [324/307](#); [324/309](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMMC	Draw Desc	Image				

☐ 17. Document ID: US 20040135579 A1

L24: Entry 17 of 50

File: PGPB

Jul 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040135579
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20040135579 A1

TITLE: Magnetic resonance imaging apparatus and method

PUBLICATION-DATE: July 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Takizawa, Masahiro	Chiba		JP
Takahashi, Tetsuhiko	Saitama		JP
Ochi, Hisaaki	Tokyo		JP
Taniguchi, Yo	Tokyo		JP

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWIC	Draws	Desc	Image			

☐ 18. Document ID: US 20040054248 A1

L24: Entry 18 of 50

File: PGPB

Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040054248
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20040054248 A1

TITLE: Radioactive emission detector equipped with a position tracking system

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kimchy, Yoav	Haifa		IL

Amrami, Roni	Yokneam	IL
Bouskila, Yona	Maidenhead	GB
Antebi, Udi	Kiryat Bialik	IL
Sidorenko, Nick	Acre	IL
Ben-David, Gal	Mitzpe Adi	IL
Zilberstein, Yoel	Haifa	IL

US-CL-CURRENT: 600/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 19. Document ID: US 20030076099 A1

L24: Entry 19 of 50

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030076099

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030076099 A1

TITLE: Reduced signal to noise ratio array coil image

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hajnal, Joseph V.	London		GB
Bydder, Mark	London		GB
Larkman, David J.	London		GB

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 20. Document ID: US 20030030437 A1

L24: Entry 20 of 50

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030030437
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030030437 A1

TITLE: Magnetic resonance imaging using smash

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bydder, Mark	Ealing		GB
Hajnal, Joseph V.	London		GB
Larkman, David J.	London		GB

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMMC	Draws	Desc	Image			

☐ 21. Document ID: US 20030001571 A1

L24: Entry 21 of 50

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030001571
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030001571 A1

TITLE: Method for generating images by means of magnetic resonance

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Jianmin	Erlangen		DE

US-CL-CURRENT: [324/309](#); [324/307](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 22. Document ID: US 20020186870 A1

L24: Entry 22 of 50

File: PGPB

Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020186870

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020186870 A1

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: [382/131](#); [382/282](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

☐ 23. Document ID: US 20020181753 A1

L24: Entry 23 of 50

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020181753

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020181753 A1

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ma, Jingfei	Waukesha	WI	US
Tan, Guosheng	Waukesha	WI	US

US-CL-CURRENT: 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 24. Document ID: US 20020158632 A1

L24: Entry 24 of 50

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020158632

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020158632 A1

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sodickson MD Ph.D., Daniel K.	Cambridge	MA	US

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KWC	Draw Desc	Image				

☐ 25. Document ID: US 20020039024 A1

L24: Entry 25 of 50

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020039024

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020039024 A1

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE COUNTRY
Fuderer, Miha	Eindhoven	NL
Van Den Brink, Johan Samuel	Eindhoven	NL
Jurrissen, Michel Paul Jurriaan	Eindhoven	NL
Van Muiswinkel, Arianne Margarethe Corinne	Eindhoven	NL
Katscher, Ulrich	Norderstedt	DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw	Desc	Image			

☐ 26. Document ID: US 7342397 B2

L24: Entry 26 of 50

File: USPT

Mar 11, 2008

US-PAT-NO: 7342397

DOCUMENT-IDENTIFIER: US 7342397 B2

TITLE: Magnetic resonance imaging method

DATE-ISSUED: March 11, 2008

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060186941 A1

August 24, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Pruessmann; Klaas

Zurich

CH

Tsao; Jeffrey

Brookline

MA

US

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc Image

☐ 27. Document ID: US 7202666 B2

L24: Entry 27 of 50

File: USPT

Apr 10, 2007

US-PAT-NO: 7202666

DOCUMENT-IDENTIFIER: US 7202666 B2

TITLE: Magnetic resonance parallel imaging method with K-space
sensitivity encoding

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060208731 A1

September 21, 2006

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Wang; Jian Min

Shenzhen

CN

Zhang; Bida

Shenzhen

CN

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 28. Document ID: US 7202663 B2

L24: Entry 28 of 50

File: USPT

Apr 10, 2007

US-PAT-NO: 7202663

DOCUMENT-IDENTIFIER: US 7202663 B2

TITLE: Method for generating fast magnetic resonance images

DATE-ISSUED: April 10, 2007

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050100202 A1

May 12, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Huang; Feng

Gainesville

FL

US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 29. Document ID: US 7154268 B2

L24: Entry 29 of 50

File: USPT

Dec 26, 2006

US-PAT-NO: 7154268

DOCUMENT-IDENTIFIER: US 7154268 B2

TITLE: Method and apparatus to improve an MRI image using regularization

DATE-ISSUED: December 26, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040207402 A1

October 21, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Kellman; Peter

Bethesda

MD

US

McVeigh; Elliot

Phoenix

MD

US

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference					Claims	KWIC Draw Desc Image

☐ 30. Document ID: US 7053613 B2

L24: Entry 30 of 50

File: USPT

May 30, 2006

US-PAT-NO: 7053613

DOCUMENT-IDENTIFIER: US 7053613 B2

TITLE: Method for parallel image reconstruction using automatic regularization

DATE-ISSUED: May 30, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050270024 A1

December 8, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Lin; Fa-Hsuan

Taipei City

TW

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Claims	Drawings	Claims	KMC	Draw Desc

☐ 31. Document ID: US 7042217 B2

L24: Entry 31 of 50

File: USPT

May 9, 2006

US-PAT-NO: 7042217

DOCUMENT-IDENTIFIER: US 7042217 B2

TITLE: Magnetic resonance method

DATE-ISSUED: May 9, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050017718 A1

January 27, 2005

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Zwanenburg; Jacobus Jan Marinus

Eindhoven

NL

Prins; Willem Marten

Eindhoven

NL

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	References	Claims	K/MC	Draw Desc	Image

☐ 32. Document ID: US 6990223 B2

L24: Entry 32 of 50

File: USPT

Jan 24, 2006

US-PAT-NO: 6990223

DOCUMENT-IDENTIFIER: US 6990223 B2

**** See image for Certificate of Correction ****

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: January 24, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040165757 A1

August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ma; Jingfei	Waukesha	WI		US
Tan; Guosheng	Waukesha	WI		US

US-CL-CURRENT: 382/131; 324/309, 382/274, 382/284, 600/13, 600/422

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	References	Claims	K/MC	Draw Desc	Image

☐ 33. Document ID: US 6980002 B1

L24: Entry 33 of 50

File: USPT

Dec 27, 2005

US-PAT-NO: 6980002

DOCUMENT-IDENTIFIER: US 6980002 B1

TITLE: Integrated cervical-thoracic-lumbar spine MRI array coil

DATE-ISSUED: December 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Petropoulos; Labros Spiridon	Burton	OH		
Zou; Mark Xueming	Mantua	OH		
Zheng; Tsinghua	Aurora	OH		

US-CL-CURRENT: 324/318; 324/309, 600/422

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 34. Document ID: US 6965232 B2

L24: Entry 34 of 50

File: USPT

Nov 15, 2005

US-PAT-NO: 6965232

DOCUMENT-IDENTIFIER: US 6965232 B2

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

DATE-ISSUED: November 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel K.	Newton	MA		

US-CL-CURRENT: 324/307; 324/309, 324/318, 600/410

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 35. Document ID: US 6961455 B2

L24: Entry 35 of 50

File: USPT

Nov 1, 2005

US-PAT-NO: 6961455

DOCUMENT-IDENTIFIER: US 6961455 B2

**** See image for Certificate of Correction ****

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

DATE-ISSUED: November 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ma; Jingfei	Waukesha	WI		
Tan; Guosheng	Waukesha	WI		

US-CL-CURRENT: 382/131; 324/309, 382/274

Full	Title	Citation	Front	Review	Classification	Date	
Reference				Claims	KMC	Draw Desc	Image

☐ 36. Document ID: US 6943547 B2

L24: Entry 36 of 50

File: USPT

Sep 13, 2005

US-PAT-NO: 6943547

DOCUMENT-IDENTIFIER: US 6943547 B2

TITLE: Magnetic resonance imaging using generalized smash

DATE-ISSUED: September 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bydder; Mark	London			GB
Hajnal; Joseph V.	London			GB
Larkman; David J.	London			GB

US-CL-CURRENT: 324/307

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KWC	Draw Desc Image

☐ 37. Document ID: US 6876201 B2

L24: Entry 37 of 50

File: USPT

Apr 5, 2005

US-PAT-NO: 6876201

DOCUMENT-IDENTIFIER: US 6876201 B2

TITLE: Magnetic resonance imaging apparatus and method

DATE-ISSUED: April 5, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takizawa; Masahiro	Chiba			JP
Takahashi; Tetsuhiko	Saitama			JP
Ochi; Hisaaki	Tokyo			JP
Taniguchi; Yo	Tokyo			JP

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KWC	Draw Desc Image

☐ 38. Document ID: US 6801035 B2

L24: Entry 38 of 50

File: USPT

Oct 5, 2004

US-PAT-NO: 6801035

DOCUMENT-IDENTIFIER: US 6801035 B2

TITLE: Method for generating images by means of magnetic resonance

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jianmin	Erlangen			DE

US-CL-CURRENT: 324/309; 324/307, 600/410

Full	Title	Citation	Front	Review	Classification	Date	
Reference	www.		Claims	KMC	Draw Deso	Image

☐ 39. Document ID: US 6738501 B2

L24: Entry 39 of 50

File: USPT

May 18, 2004

US-PAT-NO: 6738501

DOCUMENT-IDENTIFIER: US 6738501 B2

**** See image for Certificate of Correction ****

TITLE: Adaptive data differentiation and selection from multi-coil receiver to reduce artifacts in reconstruction

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ma; Jingfei	Waukesha	WI		
Tan; Guosheng	Waukesha	WI		

US-CL-CURRENT: [382/131](#); [324/309](#), [382/172](#), [382/270](#), [382/274](#), [600/410](#)

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc
						Image

☐ 40. Document ID: US 6724923 B2

L24: Entry 40 of 50

File: USPT

Apr 20, 2004

US-PAT-NO: 6724923

DOCUMENT-IDENTIFIER: US 6724923 B2

TITLE: Automatic coil selection of multi-receiver MR data using fast prescan data analysis

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ma; Jingfei	Waukesha	WI		
Tan; Guosheng	Waukesha	WI		

US-CL-CURRENT: [382/131](#); [382/132](#), [382/218](#), [382/264](#), [382/274](#), [600/410](#)

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc
						Image

☐ 41. Document ID: US 6717406 B2

L24: Entry 41 of 50

File: USPT

Apr 6, 2004

US-PAT-NO: 6717406

DOCUMENT-IDENTIFIER: US 6717406 B2

TITLE: Parallel magnetic resonance imaging techniques using radiofrequency coil arrays

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel K.	Newton	MA		

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference					Claims	KMC
					Draw	Desc
						Image

☐ 42. Document ID: US 6518760 B2

L24: Entry 42 of 50

File: USPT

Feb 11, 2003

US-PAT-NO: 6518760

DOCUMENT-IDENTIFIER: US 6518760 B2

TITLE: Magnetic resonance imaging method with sub-sampled acquisition

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fuderer; Miha	Eindhoven			NL
Van Den Brink; Johan Samuel	Eindhoven			NL
Jurrissen; Michel Paul Jurriaan	Eindhoven			NL
Van Muiswinkel; Arianne Margarethe Corinne	Eindhoven			NL
Katscher; Ulrich	Norderstedt			DE

US-CL-CURRENT: 324/307; 324/309, 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference					Claims	KMC
					Draw	Desc
						Image

☐ 43. Document ID: US 6487435 B2

L24: Entry 43 of 50

File: USPT

Nov 26, 2002

US-PAT-NO: 6487435

DOCUMENT-IDENTIFIER: US 6487435 B2

**** See image for Certificate of Correction ****TITLE: Magnetic resonance angiography using undersampled 3D projection imaging

DATE-ISSUED: November 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mistretta; Charles A.	Madison	WI		
Barger; Andrew V.	Madison	WI		
Block; Walter F.	Madison	WI		

US-CL-CURRENT: 600/420; 324/307, 324/309, 600/407, 600/410, 600/415,
600/419

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KWIC	Draw Desc Image

☐ 44. Document ID: US 6377048 B1

L24: Entry 44 of 50

File: USPT

Apr 23, 2002

US-PAT-NO: 6377048

DOCUMENT-IDENTIFIER: US 6377048 B1

TITLE: Magnetic resonance imaging device for operation in external static magnetic fields

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Golan; Erez	Tel Aviv			IL
Blank; Aharon	Kiriat Ono			IL
Alexandrowicz; Gil	Jerusalem			IL

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc Image

☐ 45. Document ID: US 6289232 B1

L24: Entry 45 of 50

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jakob; Peter M.	Brookline Village	MA		
Sodickson; Daniel K.	Cambridge	MA		
Griswold; Mark	Brookline	MA		

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	K/MC	Draw Desc Image

☐ 46. Document ID: US 5910728 A

L24: Entry 46 of 50

File: USPT

Jun 8, 1999

US-PAT-NO: 5910728
DOCUMENT-IDENTIFIER: US 5910728 A

TITLE: Simultaneous acquisition of spatial harmonics (SMASH): ultra-fast imaging with radiofrequency coil arrays

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sodickson; Daniel Kevin	Cambridge	MA		

US-CL-CURRENT: 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Deso Image

☐ 47. Document ID: US 5712567 A

L24: Entry 47 of 50

File: USPT

Jan 27, 1998

US-PAT-NO: 5712567
DOCUMENT-IDENTIFIER: US 5712567 A

TITLE: Method for compensating a sensitivity profile of an antenna arrangement of a nuclear magnetic resonance apparatus

DATE-ISSUED: January 27, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jianmin	Erlangen			DE

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc
						Image

☐ 48. Document ID: US 5699801 A

L24: Entry 48 of 50

File: USPT

Dec 23, 1997

US-PAT-NO: 5699801

DOCUMENT-IDENTIFIER: US 5699801 A

TITLE: Method of internal magnetic resonance imaging and spectroscopic analysis and associated apparatus

DATE-ISSUED: December 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Atalar; Ergin	Columbia	MD		
Bottomley; Paul A.	Columbia	MD		
Zerhouni; Elias A.	Baltimore	MD		

US-CL-CURRENT: 600/410; 324/318, 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date
Reference				Claims	KMC	Draw Desc
						Image

☐ 49. Document ID: US 5003979 A

L24: Entry 49 of 50

File: USPT

Apr 2, 1991

US-PAT-NO: 5003979

DOCUMENT-IDENTIFIER: US 5003979 A

TITLE: System and method for the noninvasive identification and display of breast lesions and the like

DATE-ISSUED: April 2, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Merickel; Michael B.	Charlottesville	VA		
Adams; Ann H.	Charlottesville	VA		
Brookeman; James R.	Charlottesville	VA		

US-CL-CURRENT: 600/410; 128/915, 378/37, 600/425

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Indexing	Claims	KWC	Draw Desc	Image

☐ 50. Document ID: US 4881032 A

L24: Entry 50 of 50

File: USPT

Nov 14, 1989

US-PAT-NO: 4881032

DOCUMENT-IDENTIFIER: US 4881032 A

TITLE: Method of, and apparatus for, NMR spectroscopic metabolite imaging and quantification

DATE-ISSUED: November 14, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bottomley; Paul A.	Clifton Park	NY		
Roemer; Peter B.	Schenectady	NY		
Edelstein; William A.	Schenectady	NY		
Mueller; Otward M.	Ballston Lake	NY		

US-CL-CURRENT: 324/309; 324/318

Full	Title	Citation	Front	Review	Classification	Date
Reference	Abstract	Indexing	Claims	KWC	Draw Desc	Image

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LEVELS	1373722
AMONT	923
AMONTS	82
VALUE	4090471
VALUES	2105028
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TOTALS	26400
IR	884206
IRS	35585
IMAGE	3247299
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